

# Rat IL9R / Interleukin 9 receptor Protein (His Tag)

Catalog Number: 80077-R08H



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

IL9R

### Protein Construction:

A DNA sequence encoding the rat IL9R / Interleukin 9 receptor (EDM04022.1) extracellular domain (Met 1-Ala 270) was expressed, fused with a polyhistidine tag at the C-terminus.

**Source:** Rat

**Expression Host:** HEK293 Cells

## QC Testing

**Purity:** > 90 % as determined by SDS-PAGE

### Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Val 38

### Molecular Mass:

The recombinant rat IL9R / Interleukin 9 receptor comprises 244 amino acids and predicts a molecular mass of 28.2 kDa. The apparent molecular mass of the rat IL9R / Interleukin 9 receptor is approximately 36 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation:

Lyophilized from sterile PBS, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

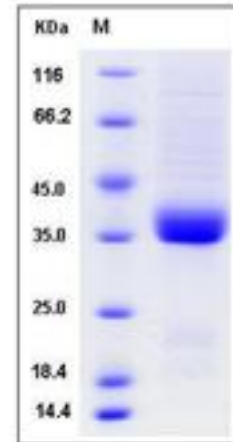
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



## References

1. Demoulin JB. *et al.* (1998) Interleukin 9 and its receptor: an overview of structure and function. *Int Rev Immunol.* 16 (3-4): 345-64.
2. Sliva D. *et al.* (1999) Tip60 interacts with human interleukin-9 receptor alpha-chain. *Biochem Biophys Res Commun.* 263 (1): 149-55.
3. Renauld JC. *et al.* (1995) Interleukin-9 and its receptor: involvement in mast cell differentiation and T cell oncogenesis. *J Leukoc Biol.* 57 (3): 353-60.

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